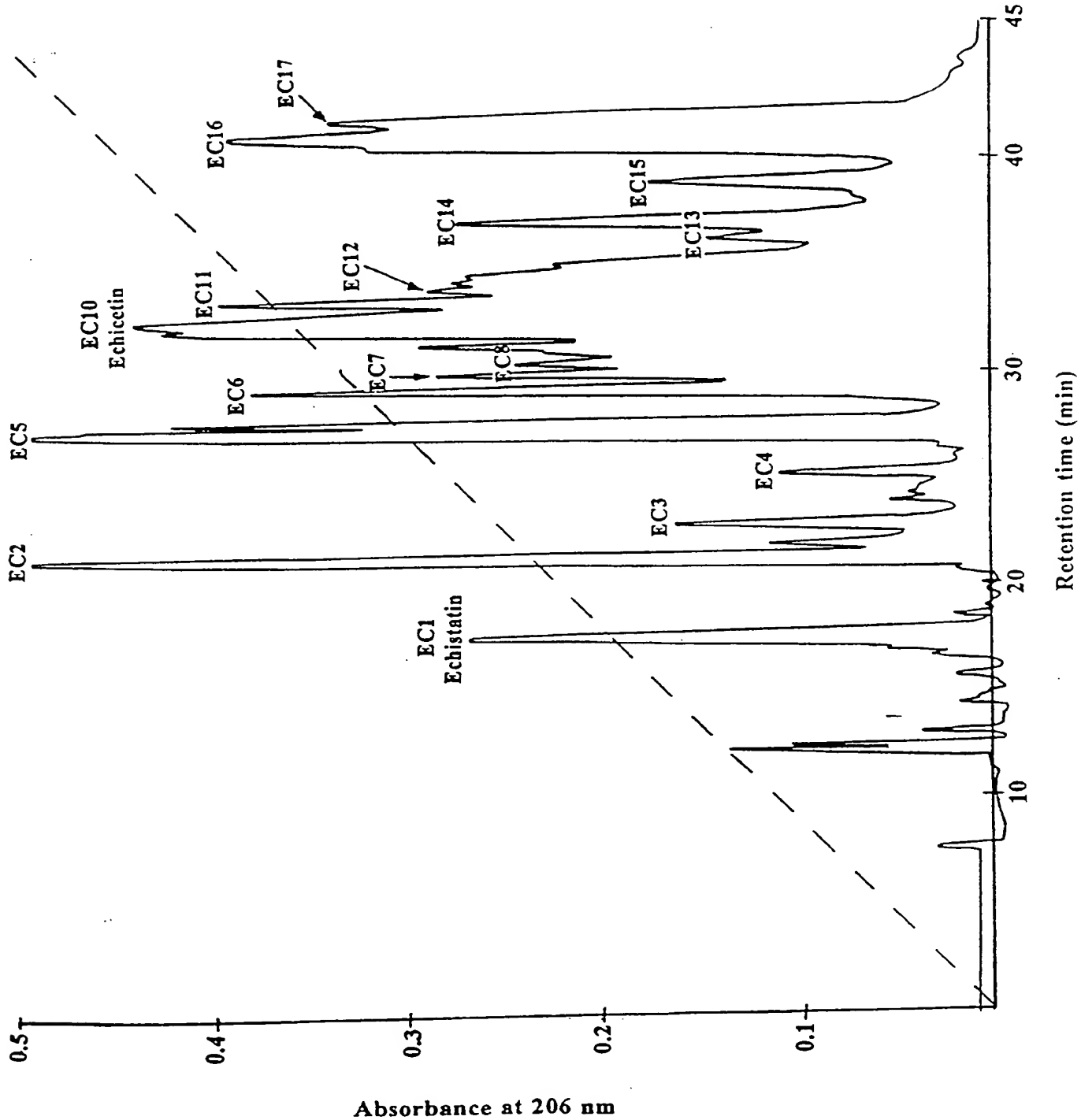
Fig. 1


EC17
EC16
EC15
EC14
EC13
EC12
EC11
EC10
Echicetin
EC8
EC7
EC6
EC5
EC4
EC3
EC2
EC1
Echistatin
45
40
30
20
10
Retention time (min)
0.5
0.4
0.3
0.2
0.1
Absorbance at 206 nm

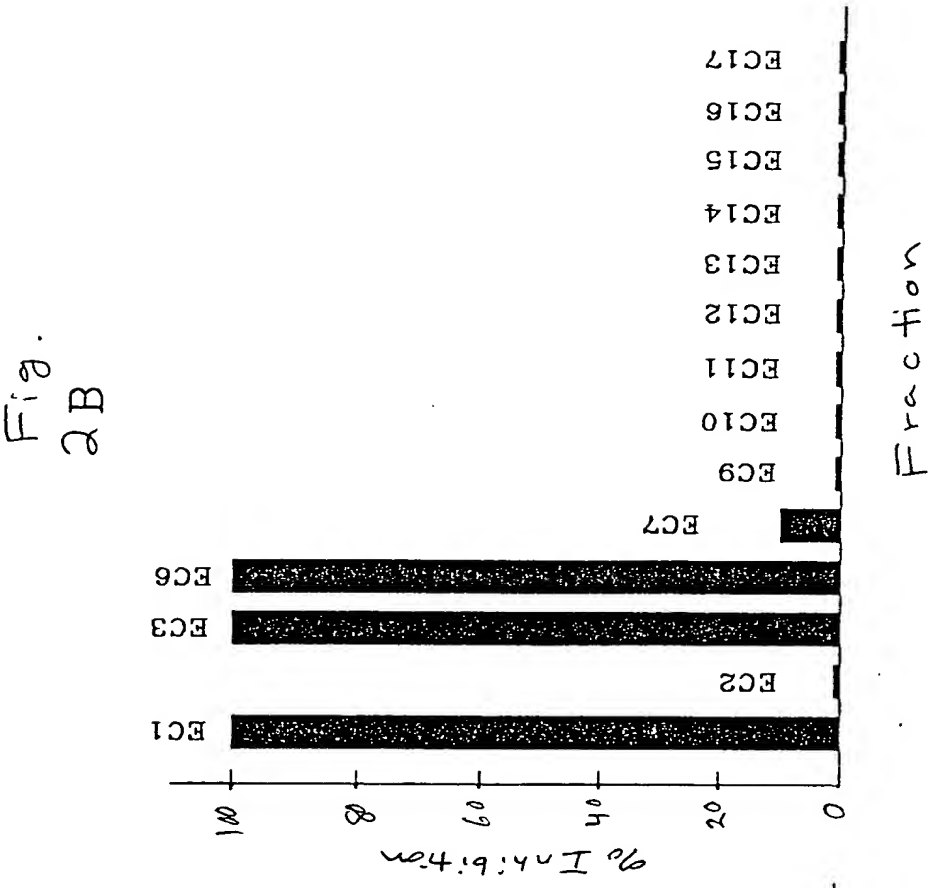

% Inhibition
0
20
40
60
80
100
EC1
EC2
EC3
EC6
EC7
EC9
EC10
EC11
EC12
EC13
EC14
EC15
EC16
EC17
Fraction

Fig. 2A

% Inhibition
0
20
40
60
80
100
EC1
EC2
EC3
EC6
EC7
EC9
EC10
EC11
EC12
EC13
EC14
EC15
EC16
EC17
Fraction

Fig. 2B

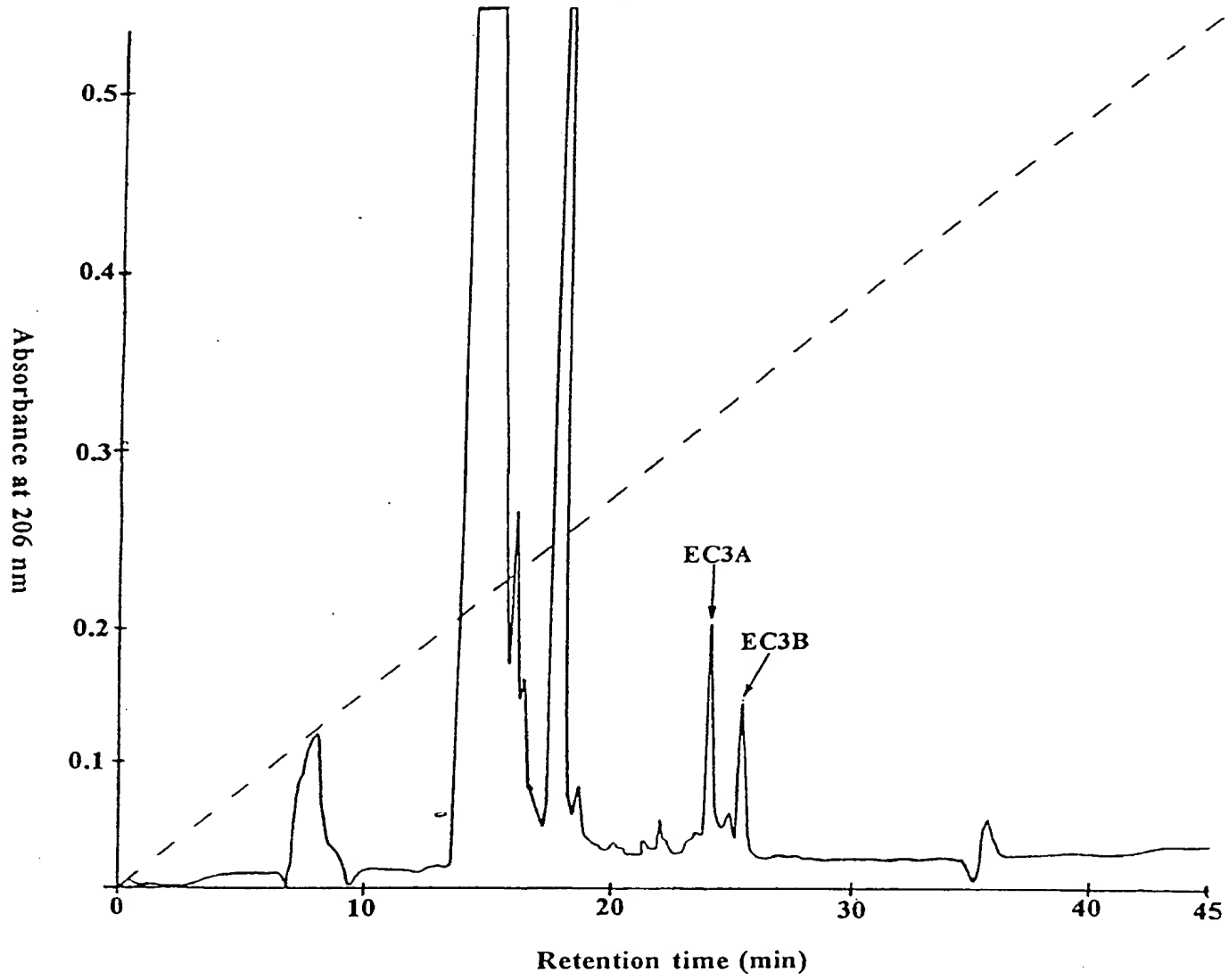

0.5
0.4
0.3
0.2
0.1
Absorbance at 206 nm
EC3A
EC3B
0
10
20
30
40
45
Retention time (min)

Fig. 3

09/485323

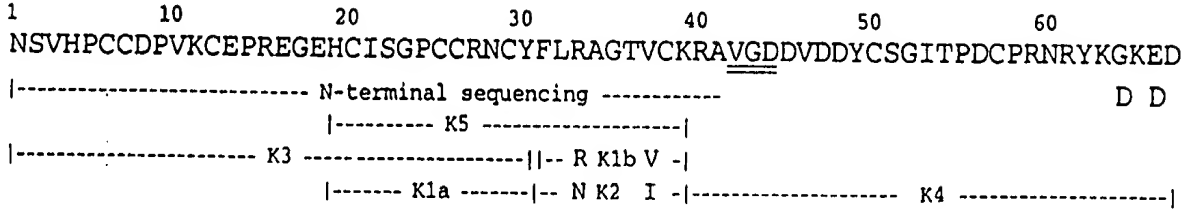


Fig. 4A

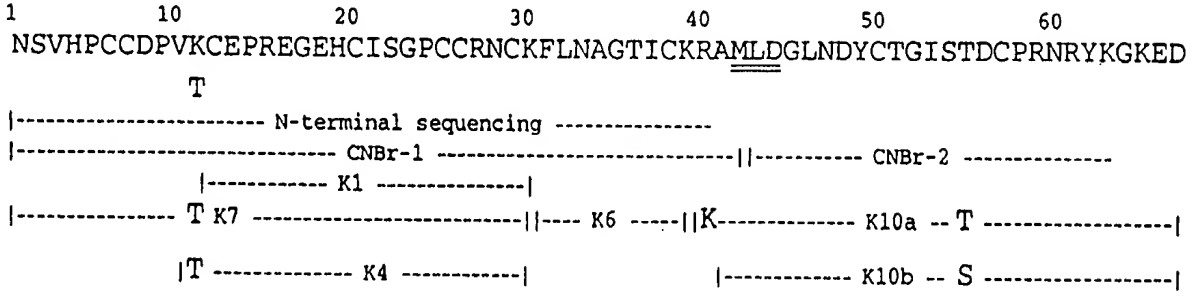


Fig. 4B

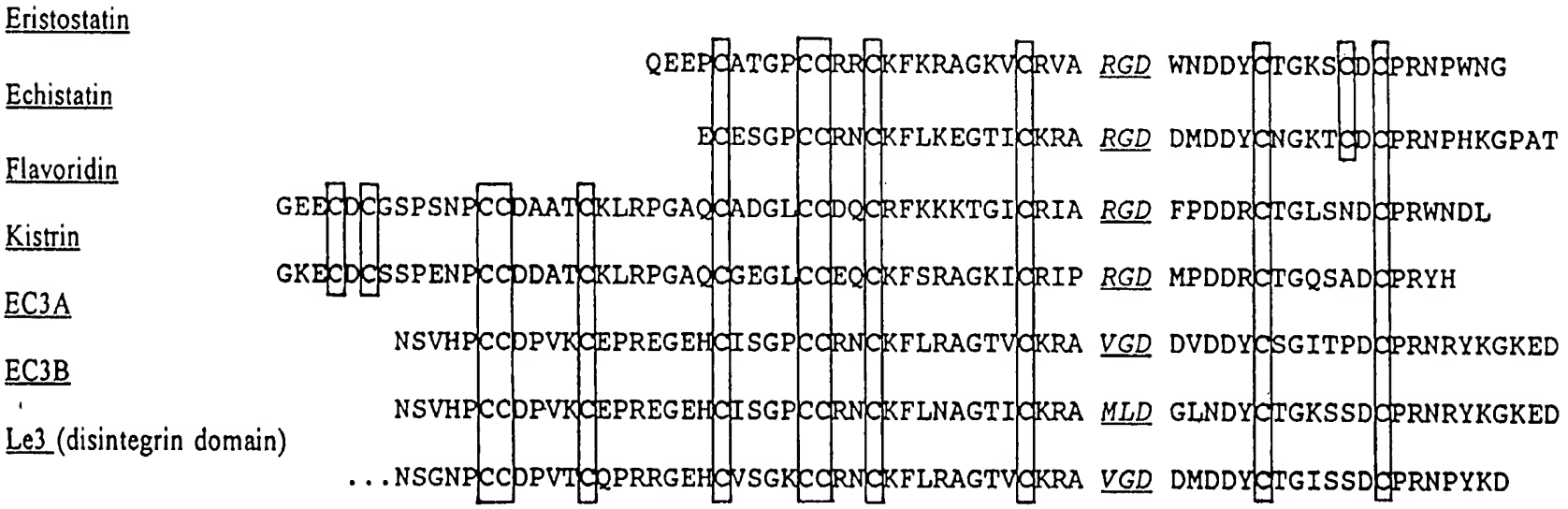

Eristostatin
Echistatin
Flavoridin
Kistrin
EC3A
EC3B
Le3 (disintegrin domain)
QEEPCATGPCCRRCKFKRAGKVCRVA RGD WNDDYCTGKSCDCPRNPWNG
ECESGPCCRNCKFLKEGTICKRA RGD DMDDYCNGKTCDCPRNPHKGPAT
GEECDCGSPSNPCCDAATCKLRPGAQCADGLCCDQCRFKKKTGICRIA RGD FPDDRCTGLSNDCPRWNDL
GKECDCSSPENPCCDDATCKLRPGAQCGEGLCCEQCKFSRAGKICRIP RGD MPDDRCTGQSADCPRYH
NSVHPCCDPVKCEPREGEHCISGPCCRNCKFLRAGTVCKRA VGD DVDDYCSGITPDCPRNRYKGKED
NSVHPCCDPVKCEPREGEHCISGPCCRNCKFLNAGTICKRA MLD GLNDYCTGKSSDCPRNRYKGKED
...NSGNPCCDPVTCQPRRGEHCVSGKCCRNCKFLRAGTVCKRA VGD DMDDYCTGISSDCPRNPYKD

Fig. 5

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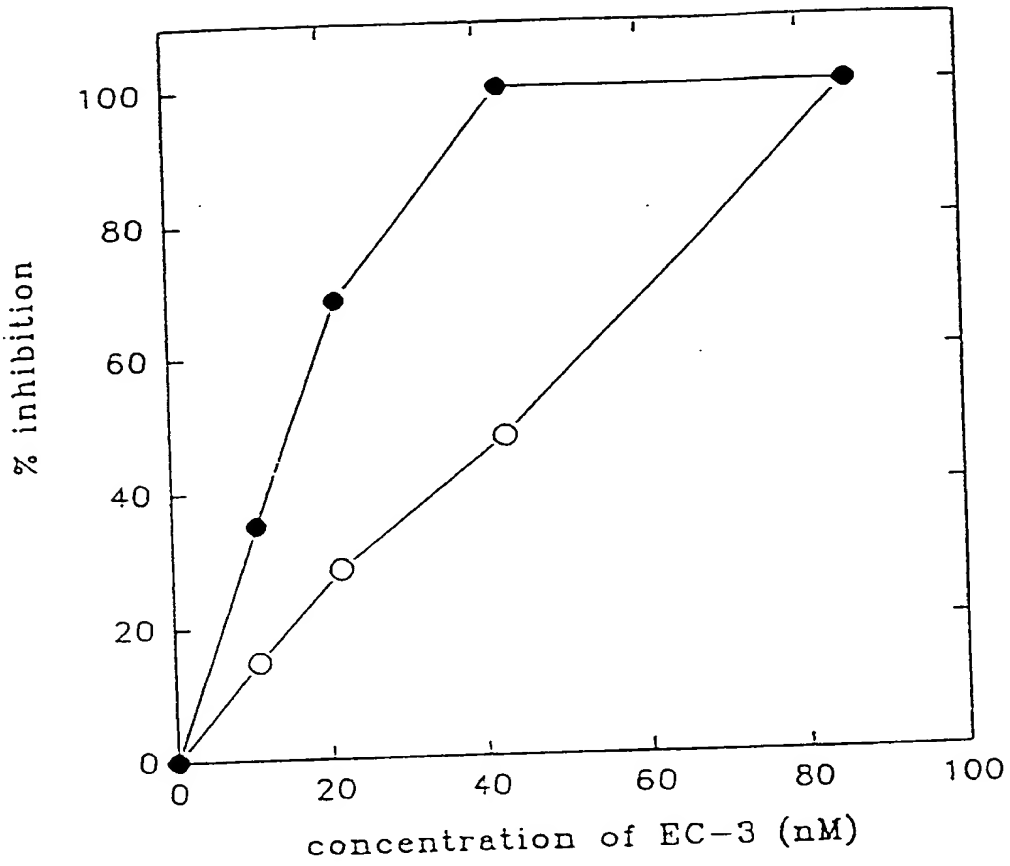


Fig. 6

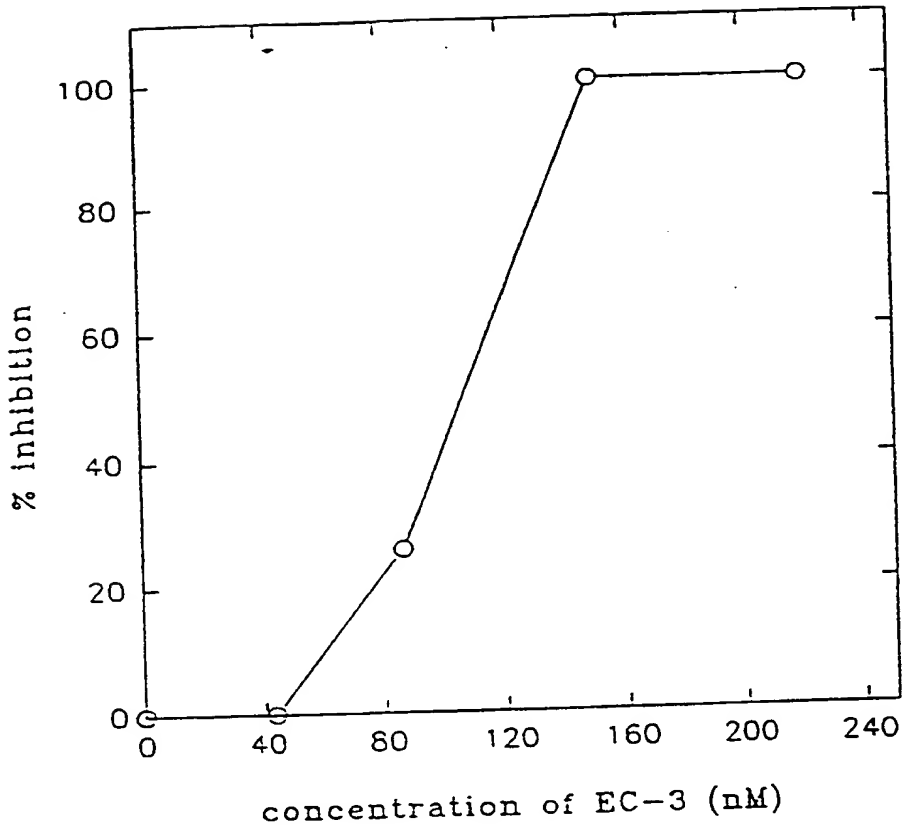
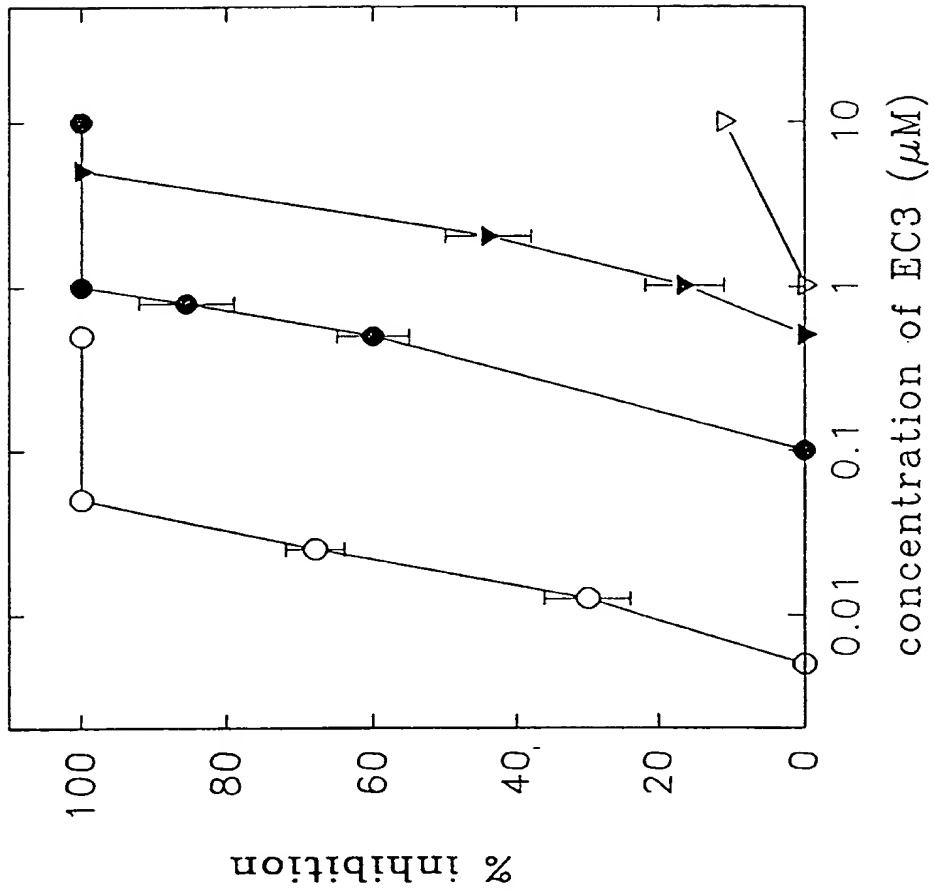

100
80
60
40
20
0
% inhibition
0
40
80
120
160
200
240
concentration of EC-3 (nM)

Fig. 7

Fig. 8


% inhibition
100
80
60
40
20
0
0.01
0.1
1
10
concentration of EC3 (μM)

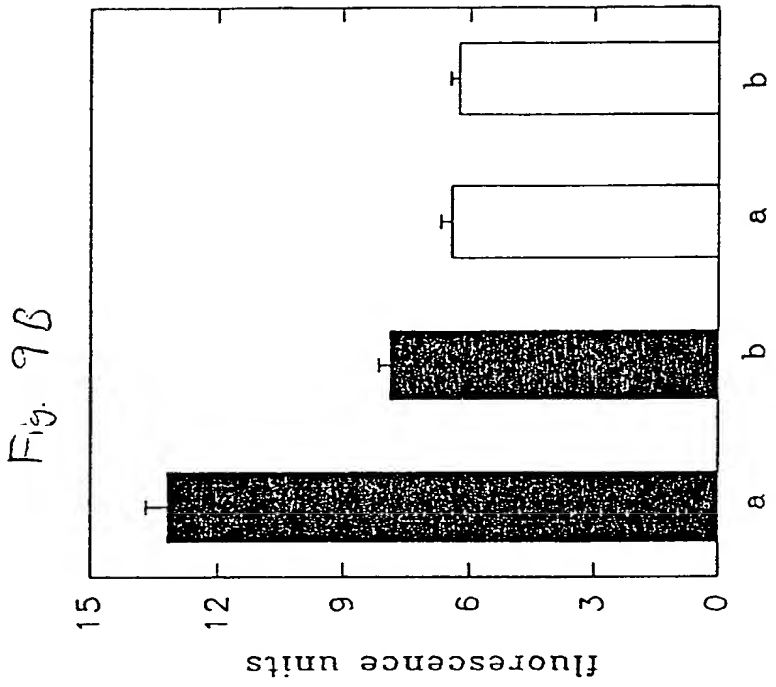

fluorescence units
15
12
9
6
3
0
a
b
a
b

Fig. 9B

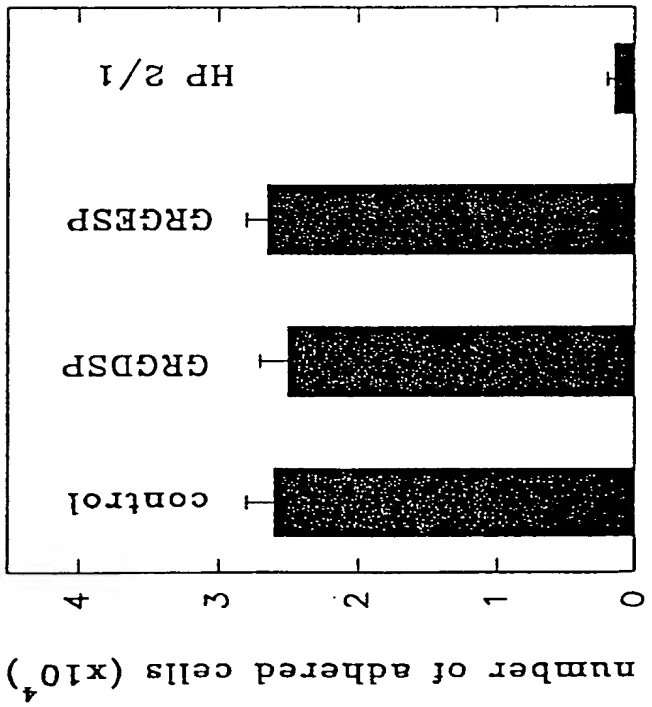

number of adhered cells (x10⁴)
4
3
2
1
0
control
GRGDSP
GRGESP
HP 2/1

Fig. 9A

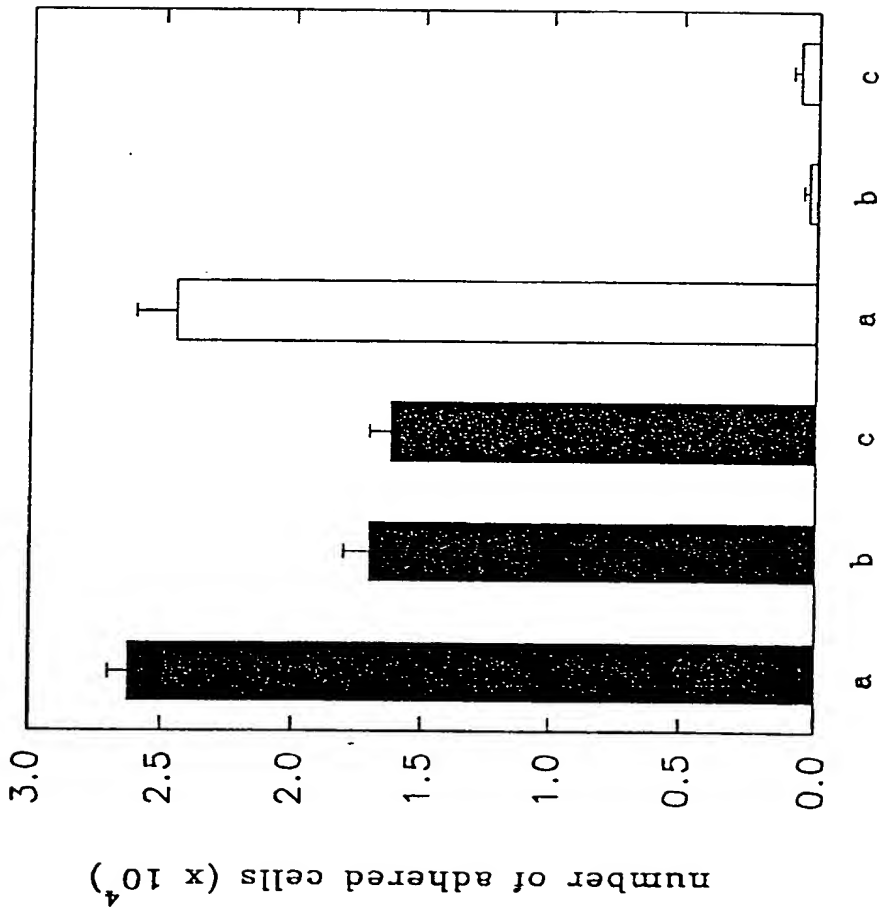


Fig. 10

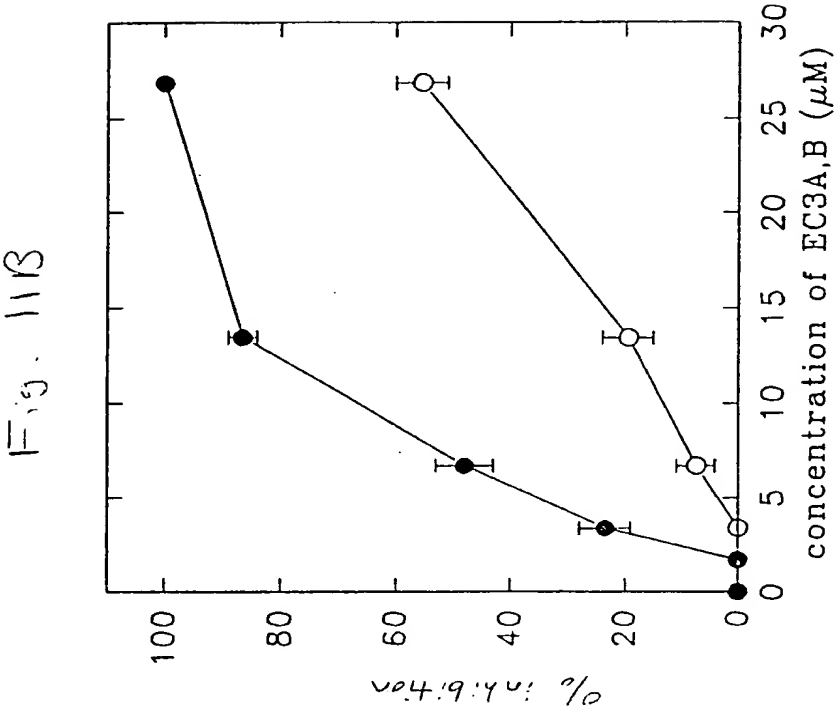


Fig. 11B

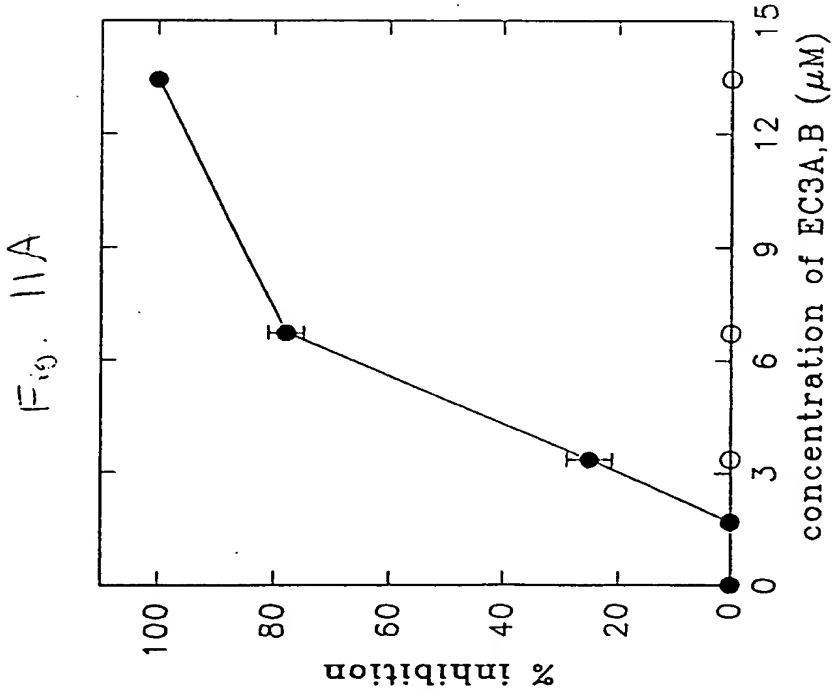


Fig. 11A

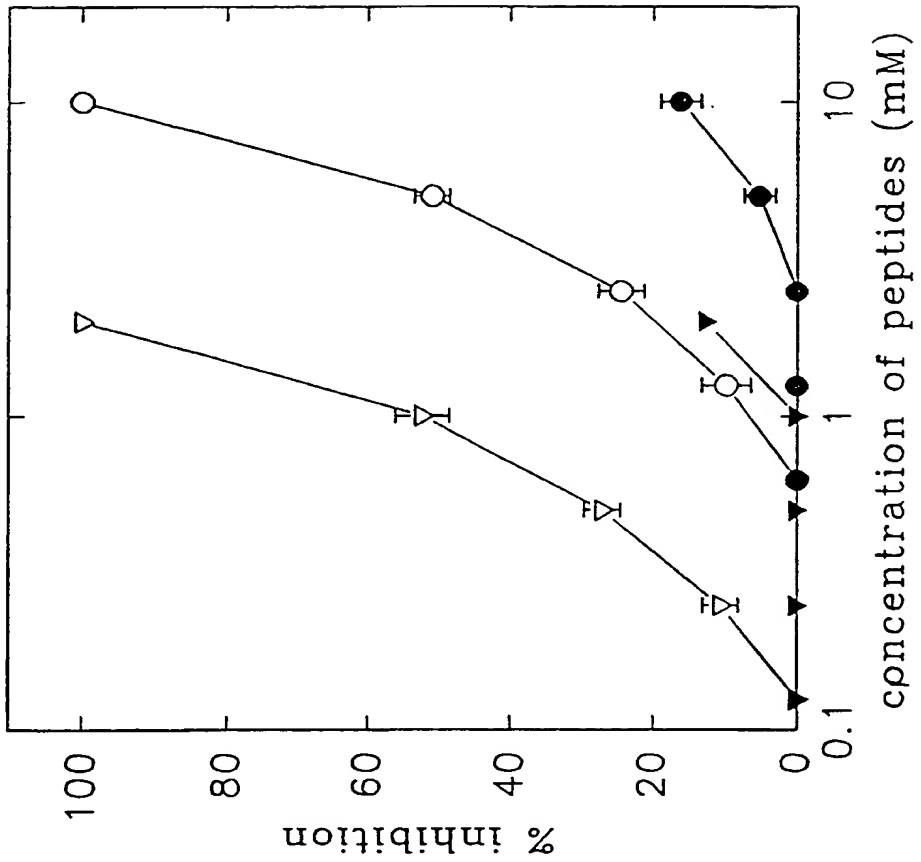

% inhibition
100
80
60
40
20
0
0.1
1
10
concentration of peptides (mM)

Fig. 12